

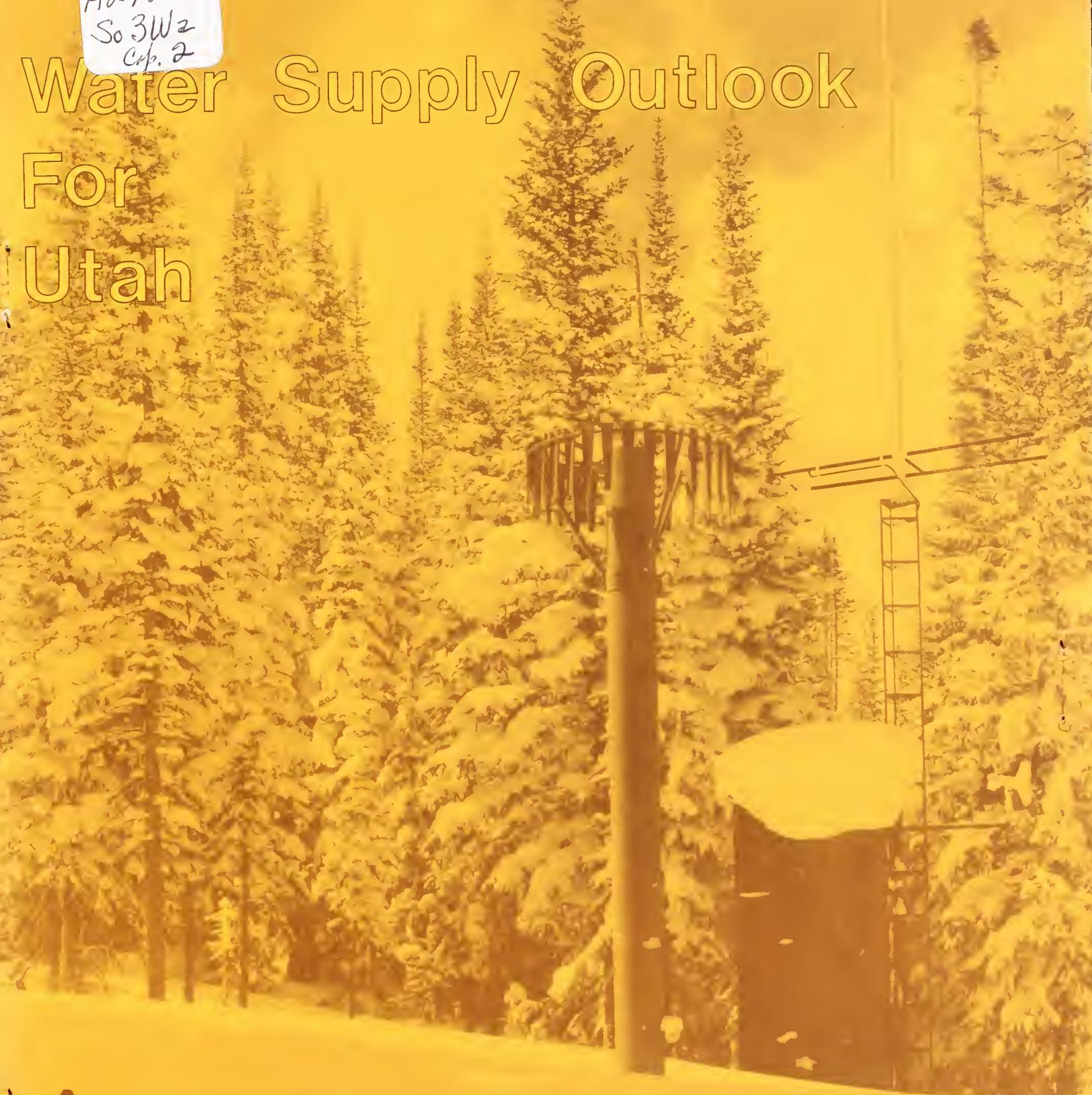
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Water Supply Outlook For Utah



SOIL CONSERVATION SERVICE
U.S. DEPARTMENT OF AGRICULTURE

Cooperating with

UTAH STATE DEPARTMENT of NATURAL RESOURCES
-- DIVISION of WATER RIGHTS

AS OF
APR. 1, 1979

TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1900 snow courses in Western United States and in the Columbia Basin in British Columbia. Networks of automatic snow water equivalent and related data sensing devices, along with radio telemetry are expanding and will provide a continuous record of snow water and other parameters at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

COVER PHOTO: VIEW OF A SNOTEL DATA SITE IN THE SNOWY RANGE IN WYOMING. TALL CYLINDRICAL DEVICE IS A PRECIPITATION GAGE. SNOW PILLOWS ON THE GROUND NOT VISIBLE DUE TO SNOW COVER. SHELTER HOUSE, ANTENNA TOWER, ANTENNA, AND TEMPERATURE UNIT ARE VISIBLE BEHIND THE PRECIPITATION GAGE.

PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, West Technical Service Center, Room 510, 511 N.W. Broadway, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	Room 129, 2221 East Northern Lights Blvd., Anchorage, Alaska 99504
Arizona	Room 3008, Federal Building, 230 N. First Ave., Phoenix, Arizona 85025
Colorado (N. Mex.)	P. O. Box 17107, Denver, Colorado 80217
Idaho	Room 345, 304 N. 8th. St., Boise, Idaho 83702
Montana	P. O. Box 98, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno, Nevada 89505
Oregon	1220 S. W. Third Ave., Portland, Oregon 97204
Utah	4420 Federal Bldg., 125 South State St., Salt Lake City, Utah 84138
Washington	360 U. S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 2440, Casper, Wyoming 82602

PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Snow Surveys Branch, California Department of Water Resources, P.O. Box 388, Sacramento, California 95802 --- for British Columbia by the Ministry of the Environment, Water Investigations Branch, Parliament Buildings, Victoria, British Columbia V8V 1X5 --- for Yukon Territory by the Department of Indian and Northern Affairs, Northern Operations Branch, 200 Range Road, Whitehorse, Yukon Territory Y1A 3V1 --- and for Alberta, Saskatchewan, and N.W.T. by the Water Survey of Canada, Inland Waters Branch, 110-12 Avenue S.W., Calgary, Alberta T3C 1A6.



WATER SUPPLY OUTLOOK FOR UTAH

and
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

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ADMINISTRATOR
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In Cooperation with

UTAH STATE DEPT. OF NATURAL RESOURCES

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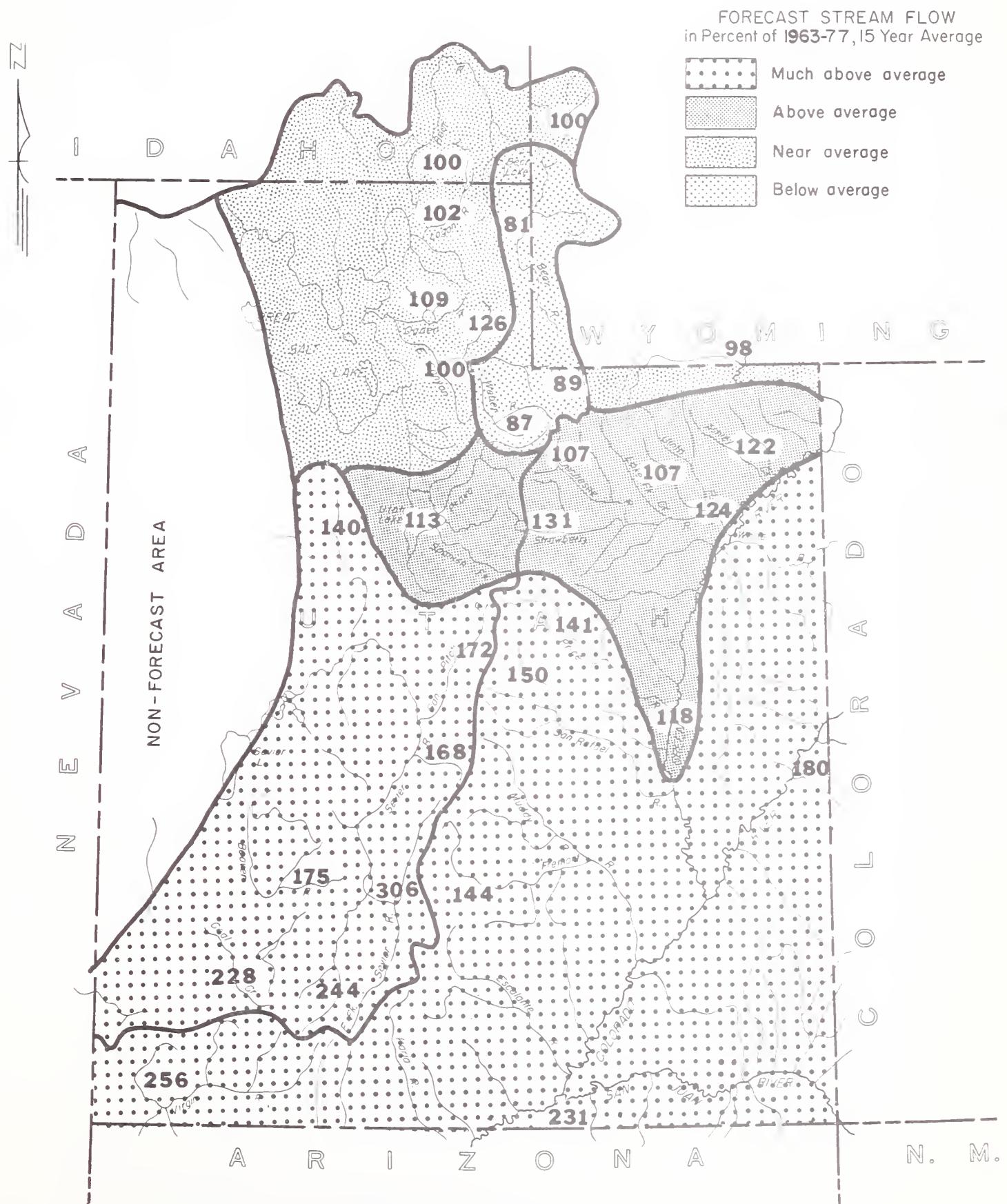
PROSPECTIVE WATER SUPPLIES

**Based on Snow Surveys Made on
UTAH and BEAR RIVER WATERSHEDS**

APRIL 1, 1979

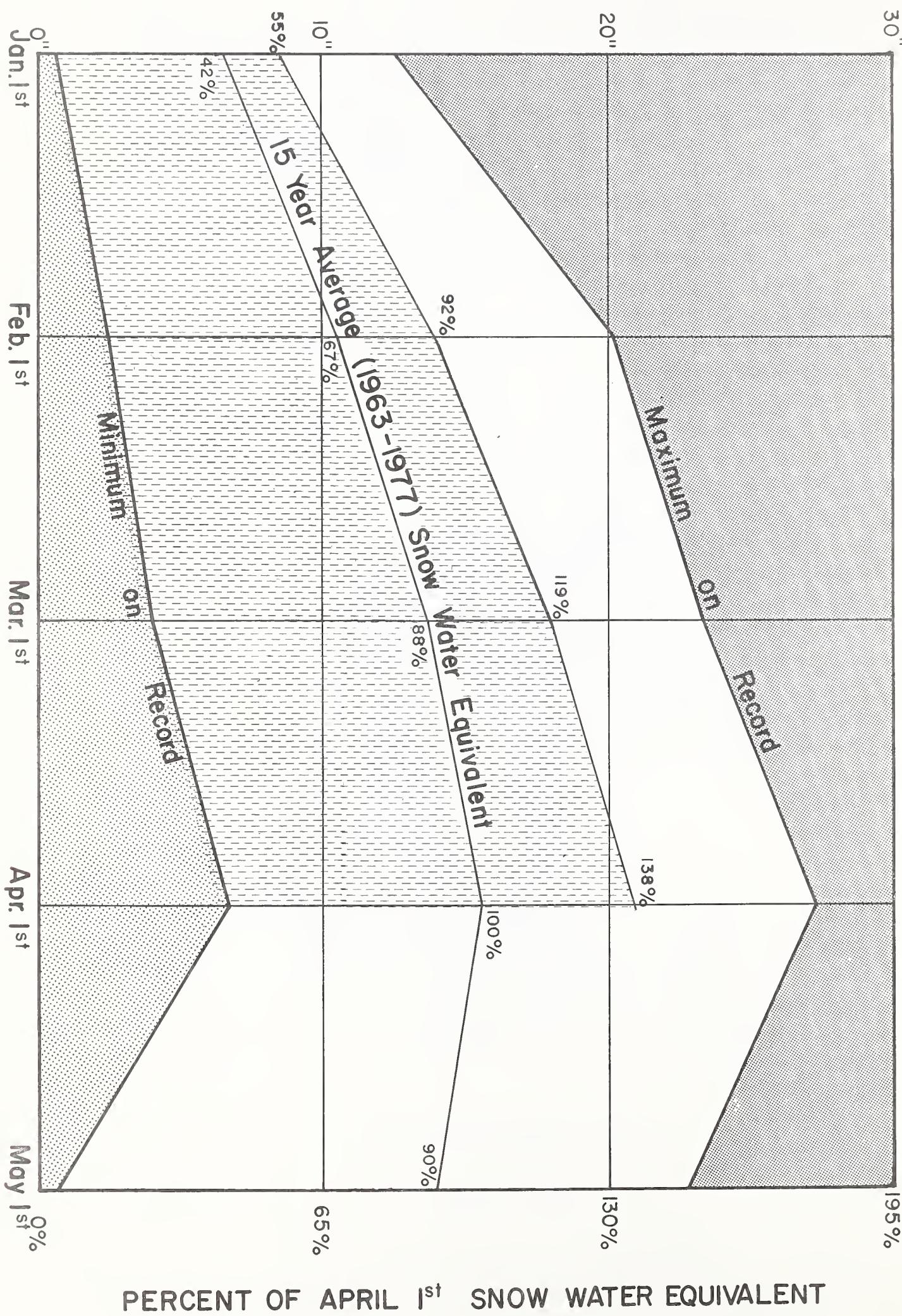
Approximate Date

A horizontal scale bar with tick marks at 50, 0, and 50. Below it is the text "SCALE IN MILES".



UTAH'S WINTER SNOWPACK

Data based on 51 selected snow courses



WATER SUPPLY OUTLOOK

as of
APRIL 1, 1979

*
* Utah's 1979 water supplies will be near normal in *
* northern Utah and better than twice average in the *
* southern part of the state. Reservoir storage at *
* this time is 101% of average. Streamflow forecasts *
* for the April-July runoff period range from 310% for *
* Sevier River near Kingston to 77% at Chalk Creek near *
* Coalville.
* *

SNOW COVER

Measurements taken early in April show conditions in northern Utah to be only average while southern Utah snow courses are nearly twice normal. Midway Valley on the Upper Sevier River drainage reported 43.2 inches of water, where the previous maximum was 42.0 inches in 1969. Numerous other southern locations are at new maximum levels. The Enterprise-New Harmony area has a 388% snowpack.

Northern Utah is not as fortunate, with the Upper Bear River at only 96% of average. Along the Wasatch Front there is a 110% snowpack this year.

PRECIPITATION

March precipitation amounts were variable over the state, but again southern Utah generally received amounts 1½ to 3 times normal. Northern Utah catches were all below average. Seasonal totals follow this same north-south trend.

SOIL MOISTURE

Watershed soils are near or at capacity in the south, with northern soils below average.

RESERVOIR STORAGE

Utah's 26 major reservoirs are at 101% of average at this time. Most facilities are above average except on the Sevier River and those in Uintah Basin.

STREAMFLOW FORECASTS

Forecasts image the snowpack and precipitation figures with the northern streams near average, and southern Utah streams well above average.

WATER SUPPLY OUTLOOK (continued)

Representative forecasts in Utah are:

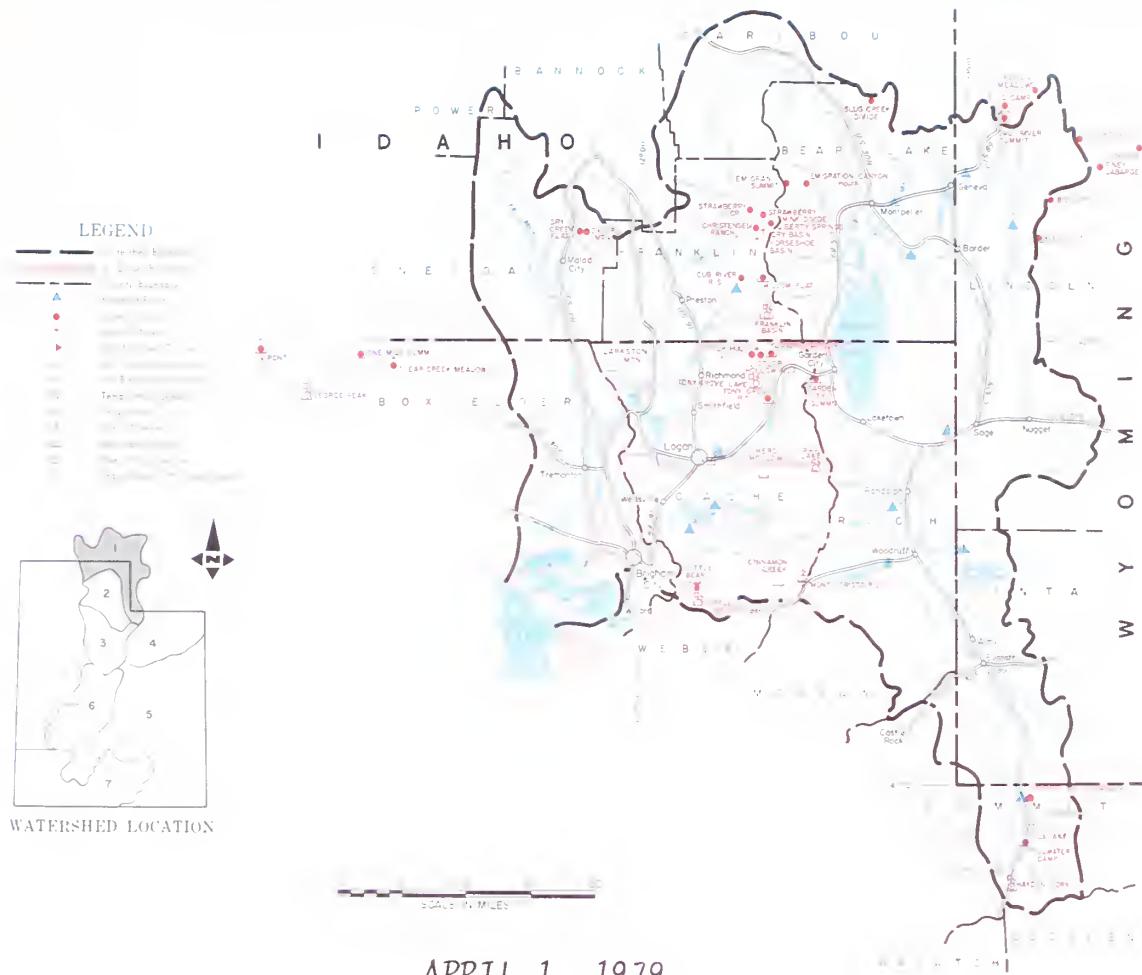
<u>STREAM</u>	<u>PERIOD</u>	<u>FORECAST</u>	<u>% AVERAGE</u>
Bear River at Utah-Wyoming SL	April-July	102	89
Logan near Logan	April-July	120	102
Weber near Oakley	April-June	90	87
Provo below Deer Creek Dam	April-July	140	117
Duchesne near Tabiona	April-July	115	107
Price near Heiner	April-July	90	141
Navajo Reservoir Inflow	April-July	1450	238
Sevier at Hatch	April-July	100	244
Beaver near Beaver	April-July	35	175
Lake Powell Inflow	April-July	11000	158

Peak flows in southern Utah streams have the potential for being well above normal. Timing and actual heights of peaks will be determined by temperatures and precipitation during the snow melt period.

WATER SUPPLY OUTLOOK

BEAR RIVER BASIN in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES-DIVISION OF WATER RIGHTS



THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE

SNOW COVER is average within the drainage, with good low elevation snow still remaining.

PRECIPITATION during March, as measured at mountain stations was about half normal, however, seasonal totals are still average.

SOIL MOISTURE is improved from last month, but still below average.

RESERVOIR STORAGE is near average as of this time.

STREAMFLOW FORECASTS reflect the average snowpack figures, and range from 81% at Bear near Randolph to 102% for the Logan River near Logan. Peak flows on streams in the area are anticipated to be near average.

BEAR RIVER BASIN in UTAH

STREAMFLOW FORECASTS

BASIN STREAM and/or FORECAST POINT	THIS YEAR		PAST RECORD		
	FORECAST Thousand Acre Feet	Percent of Average	FORECAST PERIOD	THOUSAND ACRE FEET Last Year	Average +
BEAR RIVER					
Bear nr UT-Wyo. State Line	102	89	Apr-July	115	114
Bear nr Woodruff	129	87	Apr-July	125	148
Woodruff Crk nr Woodruff, UT	17.4	95	Apr-July	15.5	18.4b
Big Creek nr Randolph, Utah	5.3	106	Apr-July	--	5.0b
Bear nr Randolph	97	81	Apr-July	51	120
Thomas Fork nr UT-Wyo State Lr	35	100	Apr-Sept	54	35
Smith's Fork nr Border, Wyo.	120	100	Apr-Sept	159	120
Bear at Harer, Idaho 1/	305	92	Apr-Sept	278	332
Logan nr Logan 1/	120	102	Apr-July	136	118
Blacksmith Fork nr Hyrum	50	93	Apr-July	50	54
Little Bear nr Paradise	38	100	Apr-June	25	38
Cub River nr Preston, ID	52	100	Apr-Sept	64	52
1 - Observed flow corrected for change in storage and diversions					
2 - Provisional flows - Subject to correction					
b - Average of all past record - less than 15 years					

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Useable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average +
BEAR RIVER	Bear Lake	1421.0	1039.6	801.6	1039.5
	Woodruff Narrows	26.5	19.5	10.9	23.8
LITTLE BEAR					
	Hyrum	15.3	10.5	10.5	12.4
	Porcupine	11.3	5.4	6.1	5.2
+ - 1963-77 15 year Average Period					
e - estimated					

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR		PAST RECORD		
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	Last Year
Burts-Miller Ranch	4/6	16	5.3	5.1	6.1
Cub River R.S.	4/5	24	9.8	3.2	6.9
Emigrant Summit	3/28	68	23.7	28.9	26.0
Franklin Basin	4/5	73	27.8	33.1	28.2
Hayden Fork	4/6	54	17.5	17.2	15.9
Klondike Narrows	4/5	55	20.7	22.8	20.7

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
BEAR RIVER	34	91	104
UPPER BEAR RIVER	9	79	96
LOWER BEAR RIVER	25	95	106
LOGAN RIVER	6	86	102
UPPER RAFT RIVER	3	133	138

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average +
Big Creek nr Randolph	50-90	--
Logan River nr Logan	850-1100	1016
Woodruff Creek nr Woodruff	250-400	267
Little Bear nr Paradise	250-400	517

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR		PAST RECORD		
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	Last Year
Little Bear Lower	3/26	32	11.7	8.3	9.9
Little Bear Upper	3/26	43	16.0	11.4	12.9
Monte Cristo	3/26	61	24.7	27.7	25.9
Salt River Summit	3/29	53	18.4	21.6	16.9
Stillwater Camp	4/6	36	10.7	11.8	11.3b
Tony Grove R.S.	4/5	39	14.6	12.3	11.9

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SOIL CONSERVATION SERVICE
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Salt Lake City, Utah 84138

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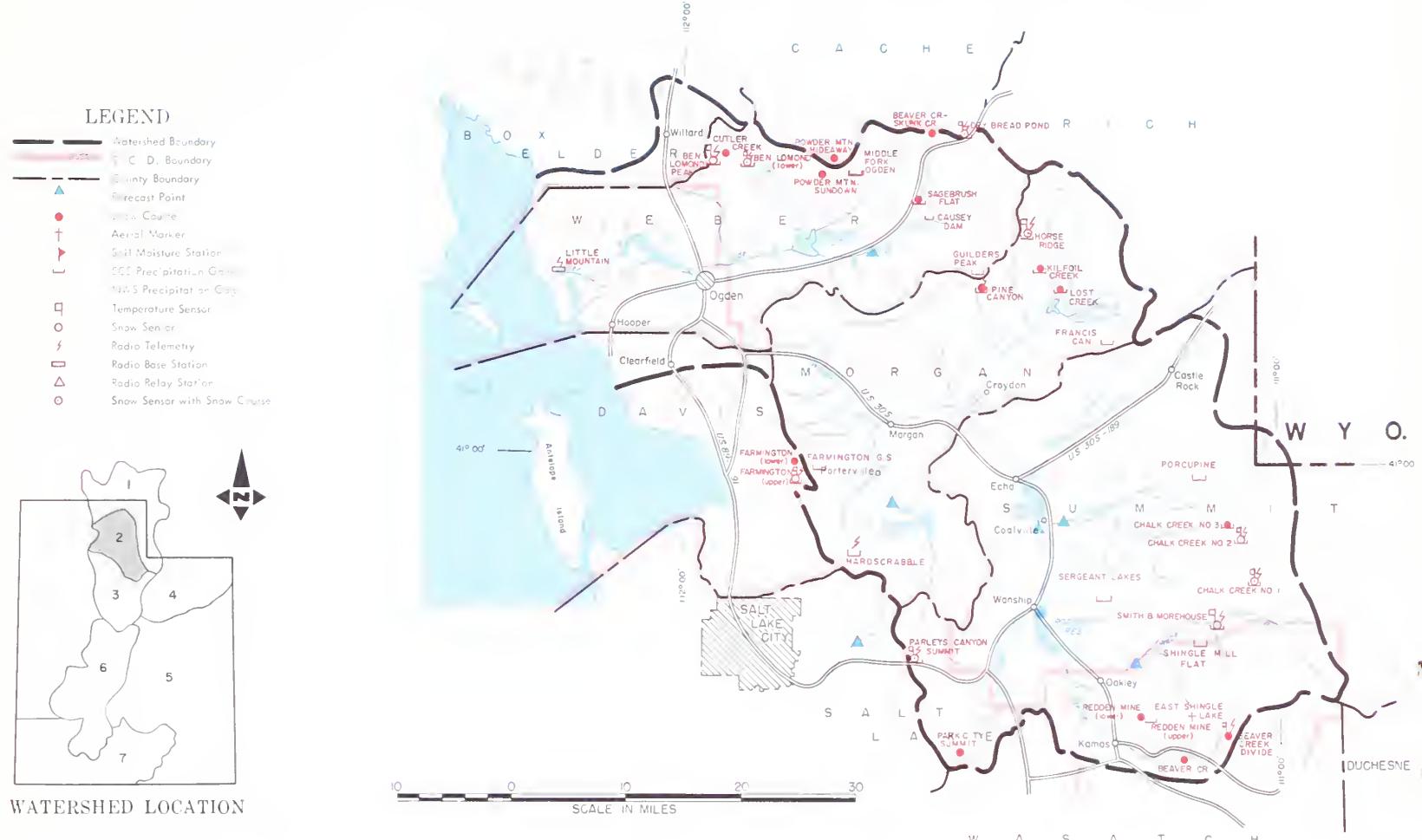


FIRST CLASS MAIL

"The Conservation of Water begins with the Snow Survey"

WATER SUPPLY OUTLOOK

WEBER-OGDEN WATERSHEDS in UTAH

 UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
 UTAH STATE DEPARTMENT OF NATURAL RESOURCES-DIVISION OF WATER RIGHTS


APRIL 1, 1979

WATER SUPPLIES WILL BE NEAR AVERAGE

SNOW COVER is near normal, with a slight percentage drop from earlier March 1 survey data.

PRECIPITATION totals for March were below average at mountain stations, with little recorded until near the months' end.

SOIL MOISTURE is near average, with low elevation soils at capacity.

RESERVOIR STORAGE is above average for this date, with some basin reservoirs releasing water in anticipation of spring melt.

STREAMFLOW FORECASTS remain near average with only slight adjustment since March 1. The Weber is forecast at 87% near Oakley, while Pineview Reservoir Inflow is predicted at 109% of average.

WEBER-OGDEN WATERSHEDS in UTAH

STREAMFLOW FORECASTS

BASIN STREAM and/or FORECAST POINT	THIS YEAR		PAST RECORD	
	FORECAST THousand Acre Feet	Percent of Average	FORECAST PERIOD	THOUSAND ACRE FEET
	Last Year ³	Average ⁺		
<u>WEBER-OGDEN RIVERS</u>				
Weber nr Oakley	90	87	Apr-June	121
Rockport Reservoir Inflow ¹	95	85	Apr-June	112
Chalk Creek at Coalville	30	77	Apr-June	37
Weber nr Coalville	100	81	Apr-June	123
Lost Creek nr Croydon, Utah	22	126	Apr-June	17.4 ^b
East Canyon Creek nr Morgan ¹	26	100	Apr-June	26
Hardscrabble Crk nr Porterville	19.0	102	Apr-June	18.6 ^e
South Fork Ogden nr Huntsville	61	107	Apr-June	62
Pineview Reservoir Inflow ²	125	109	Apr-June	136
Weber at Gateway	264	86	Apr-June	308
<u>JORDAN RIVER & SALT LAKE</u>				
Farmington Crk nr Farmington	9.0	111	Apr-July	8.1 ^b
1 - Observed flow corrected for change in storage and diversions				
2 - Inflow record as computed by U.S. Bureau of Reclamation				
3 - Provisional flows - Subject to Correction				
b - Average of all past records - less than 15 years				
+ - 1963-77 15 Year Average Period				

SUMMARY OF SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
OGDEN RIVER	5	92	121
WEBER RIVER	6	96	108

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average ⁺
OGDEN	Causey	6.9	2.0	3.8	2.5
	Pineview	110.1	59.7	65.0	55.8
WEBER	East Canyon	48.1	41.3	24.5	29.0
	Echo	73.9	59.8	51.0	50.7
	Lost Creek	20.0	14.8	11.2	13.1
	Rockport	60.9	34.5	36.7	32.5
	Willard Bay	193.3	159.6	151.4	145.6

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average ⁺
South Fork Ogden nr Huntsville	500-700	772
Chalk Creek nr Coalville	150-350	--

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR		PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)
				Last Year
Beaver Creek R.S.	4/7	14	5.8	7.8
Beaver Creek-Skunk Creek	3/26	35	14.5	12.0
Ben Lomond Peak	3/26	113	45.3	50.6
Ben Lomond Trail	3/26	72	27.7	16.2 ^b
Chalk Creek #1	4/6	64	19.9	23.7
Chalk Creek #2	4/6	49	14.7	14.2
Chalk Creek #3	4/6	21	6.8	6.0
Dry Bread Pond	3/26	55	20.6	23.3

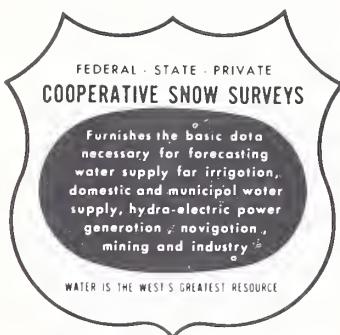
SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR		PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)
	Last Year	Average ⁺		
Horse Ridge	3/26	57	23.1	22.0
Lost Creek Reservoir	3/26	17	6.4	0.0
Monte Cristo	3/26	61	24.7	27.7
Parleys Canyon Summit	3/29	53	17.8	22.2
Sagebrush Flat	3/26	2	0.7	0.0
Smith & Morehouse	4/6	39	14.7	14.0
Trial Lake	4/1	81e	27.0e	27.4

e - estimated

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"The Conservation of Water begins with the Snow Survey"

WATER SUPPLY OUTLOOK

UTAH LAKE, JORDAN RIVER and TOOELE VALLEY WATERSHEDS in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES-DIVISION OF WATER RIGHTS



APRIL 1, 1979

WATER SUPPLIES IN THIS AREA WILL BE AVERAGE

SNOW COVER remains above average again this month, with some improvement around Utah Lake. The Upper Provo River system is just at normal levels.

PRECIPITATION totals for March as measured at mountain stations are near normal. Seasonal totals are slightly above normal.

SOIL MOISTURE is average at this point in the year.

RESERVOIR STORAGE is above average again this month, with only Deer Creek below its April 1 average usable storage.

STREAMFLOW FORECASTS are still near average this month with only slight adjustments. The Provo at Hailstone is forecast at 108%, and Utah Lake 113% of average. Peak flows are anticipated to be near normal levels.

UTAH LAKE, JORDAN RIVER and TOOEL VALLEY WATERSHEDS in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		PAST RECORD		
	FORECAST Thousand Acre Feet	Percent of Average	FORECAST PERIOD	THOUSAND ACRE FEET Last Year 2	Average +
PROVO RIVER AND UTAH LAKE					
Provo nr Hailstone	110	108	Apr-July	- -	109
Provo below Oeer Creek Oaml	140	117	Apr-July	- -	122
American Fork nr American Fork	35	113	Apr-July	37	31
Hobble Creek or Springville	25	127	Apr-July	- -	19.7b
Strawberry Reservoir Inflow	65	125	Apr-July	67	52
Spanish Fork at Thistle	45	115	Apr-July	- -	39b
Payson Creek nr Payson	7.0	111	Apr-July	- -	63
Utah Lake Inflow	275	113	Apr-July	- -	244
JORDAN RIVER & SALT LAKE					
Little Cottonwood Crk nr SLC	37	97	Apr-July	- -	38
Big Cottonwood nr SLC	41	108	Apr-July	42	38
Parley's Creek nr SLC	15.0	97	Apr-July	- -	15.4
Mill Creek nr SLC	7.0	111	Apr-July	- -	8.8
Emigration Creek nr SLC	3.5	88	Apr-July	- -	4.9
City Creek nr SLC	7.2	90	Apr-July	- -	10.7
TOOELE VALLEY					.
Vernon Creek nr Vernon	1.4	140	Mar-July	- -	1.0
Settlement Crk nr Tooele	2.6	- -	Apr-July	- -	- -
RESERVOIR STORAGE (Thousands Acre Feet)					
SPANISH FORK	Strawberry	270.0	USEABLE STORAGE		
			Thru Year	Last Year	Average +
UTAH LAKE	Utah Lake	883.9	167.8	147.2	156.9
			Settlement Creek	1.2	0.7
PROVO	Vernon Creek	149.7	0.6	0.6	--
			Deer Creek	84.8	81.8
					108.7

SUMMARY OF SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF
LAST YEAR	AVERAGE	
PROVO RIVER & UTAH LAKE	10	103
		146
JORDAN RIVER & SALT LAKE	6	97
		110
TOOELE VALLEY	3	99
		107

1 - Observed flow corrected for change in storage and diversions
 2 - Provisional flows - Subject to correction
 + - 1963-77 15 Year Average Period
 b - less than 15 years in average period

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average +
Hobble Creek nr Springville	150-250	260b
Spanish Fork nr Thistle	450-650	482b
Big Cottonwood nr Salt Lake City	400-550	--

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR		PAST RECORD		
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average +
Bevans Cabin	3/31	40	10.1	8.5	11.5
Camp Altamont	3/31	58	23.6	21.7	13.4
Clear Creek #1	4/5	62	22.8	23.8	18.2
Clear Creek #2	4/5	52	17.0	15.8	13.6
Clear Creek #3	4/5	18	6.9	5.9	5.2
Daniels-Strawberry Summit	4/5	49	18.2	19.8	13.7
Deseret Peak	3/28	86	30.0	30.5	--
Dutchman R.S.	3/31	61	22.2	25.5	15.4
Hobble Creek Summit	4/5	56	21.8	20.2	12.9
Lambs Canyon #2	3/29	43	14.6	18.0	--
Middle Canyon	3/31	53	16.9	13.0	14.1
Mill Creek	3/30	54	17.6	22.1	--

SNOW

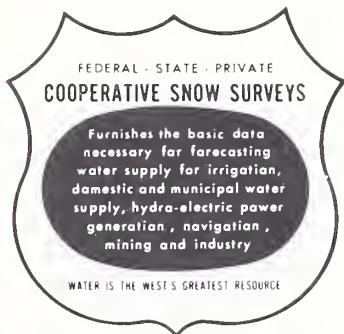
DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR		PAST RECORD	
	Name	Date of Survey	Snow Depth (Inches)	Water Content (Inches)
			Last Year	Average +
Mill O South Fork		3/30	50	18.4
Parleys Canyon Summit		3/29	53	22.2
Payson R.S.		4/4	65	22.7
Rocky Basin-Settlement Canyon		3/28	79	29.2
Silver Lake Brighton		3/30	84	28.0
Soapstone R.S.		4/7	31	12.4
South Fork R.S.		3/30	28	11.4
Timpanogos Divide		3/31	82	31.4
Trial Lake		4/1	81e	27.0e
Vernon Creek		3/26	54	17.4

a - Partly Estimated

e - estimated

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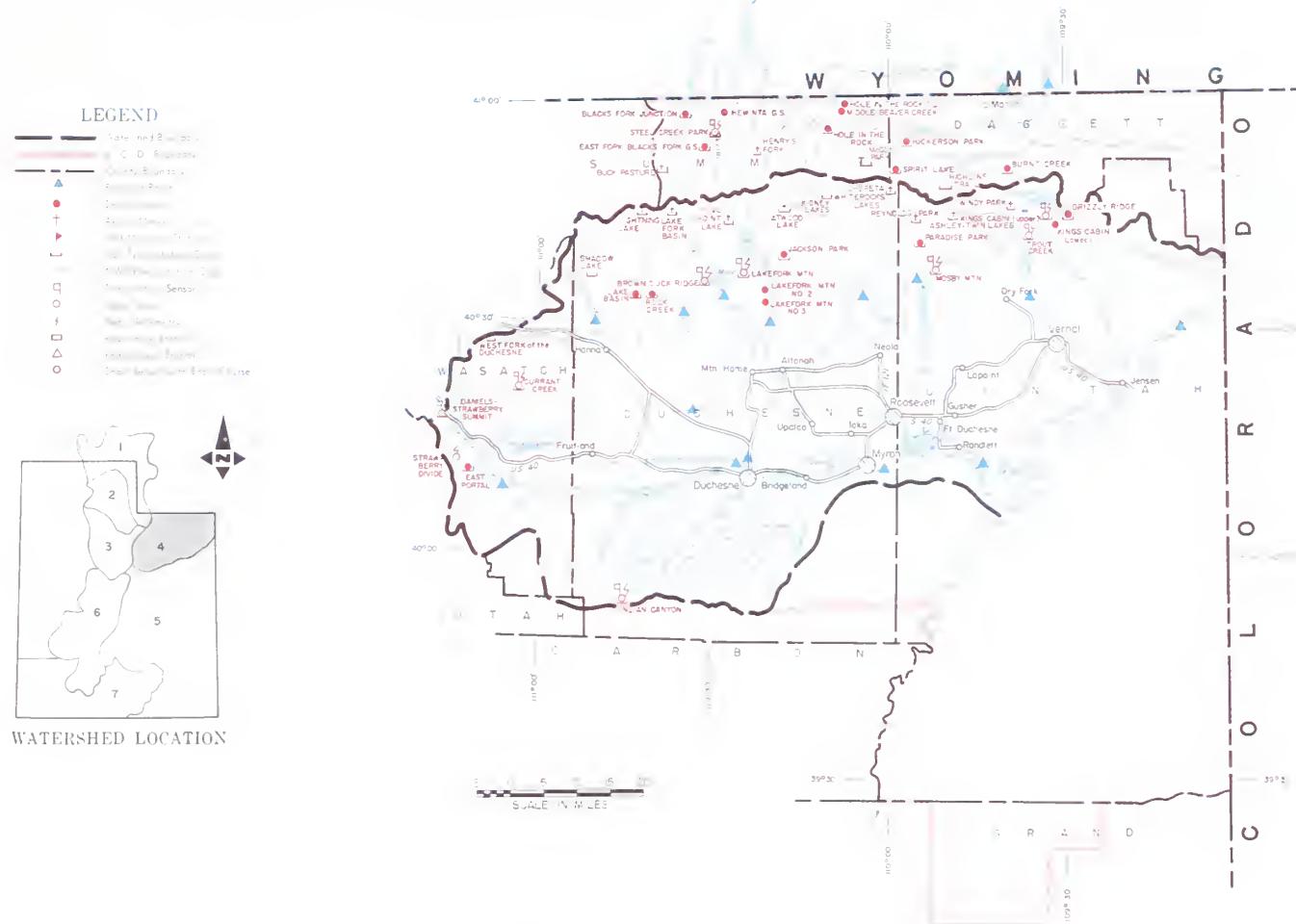
FIRST CLASS MAIL

"The Conservation of Water begins with the Snow Survey"

WATER SUPPLY OUTLOOK

UINTAH BASIN and DAGGETT SCD's in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE - SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES - DIVISION OF WATER RIGHTS



APRIL 1, 1979

NEAR NORMAL WATER SUPPLIES ARE EXPECTED

SNOW COVER on the south slope of the Uintahs shows only slight improvement from earlier survey data, and now stands at 144% of average.

PRECIPITATION at mountain locations showed near normal March amounts, with seasonal totals also near normal levels.

SOIL MOISTURE is near average in most profiles.

RESERVOIR STORAGE is still below average at this time. Moon Lake is estimated to contain 9,000 acre feet or 46% of its April 1 average.

STREAMFLOW FORECASTS remain near average again this month. Some improvement is seen for the Strawberry River, now forecast at 132% of normal. Current Creek is expected to run 125%, and Duchesne at Duchesne 106%. Peak flows this season will be in the normal range.

UINTAH BASIN and DAGGETT SCD's in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		PAST RECORD		THOUSAND ACRE FEET
	FORECAST THousand Acre Feet	Percent of Average	FORECAST PERIOD	Last Year	
DUCESNE RIVER					
Duchesne nr Tabiona ¹	115	107	Apr-July	- -	107
Duchesne at Duchesne ¹	204	106	Apr-July	- -	193
Strawberry at Duchesne	75	132	Apr-July	- -	57
Rock Creek nr Mtn. Home	110	116	Apr-July	116	95
Current Creek nr Fruitland	25	125	Apr-July	19.0	20
Lakefork below Moon Lake ¹	77	107	Apr-July	70	72
Yellowstone nr Altonah	72	107	Apr-July	- -	67
Duchesne at Myton ¹	280	133	Apr-July	134	210
Whiterocks nr Whiterock	67	112	Apr-July	49	60
Uintah nr Neola	90	101	Apr-July	72	89
Duchesne at Randlett ¹	330	124	Apr-July	- -	266
West Fork Duchesne at Hanna	28	108	Apr-July	- -	26
FLAMING GORGE TO DUCESNE RIVER					
Henry's Fork at Linwood	49	91	Apr-Sept	- -	54
Black's Fork at Millburne	88	96	Apr-July	- -	92
Flaming Gorge Inflow ¹	1270	98	Apr-July	1470	1292
Ashley Creek nr Vernal	62	122	Apr-July	37	51

SUMMARY OF SNOW MEASUREMENTS

RIVER BASIN and/or SUB-WATERSHED	COMPARISON WITH PREVIOUS YEARS		THIS YEAR AS A PERCENT OF LAST YEAR	AVERAGE
	Number of Courses Averaged	Last Year		
DUCESNE RIVER - TOTAL	12	108	144	
LAKEFORK-YELLOWSTONE CREEKS	4	98	123	
STRAWBERRY RIVER	3	99	140	
UINTAH - WHITEROCKS RIVERS	2	137	182	
ASHLEY CREEK	1	123	158	
BLACK'S FORK	4	109	120	

1 - Observed flow corrected for change in storage and diversions

2 - Provisional flows - Subject to correction

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average +
ASHLEY CREEK	Steinaker	33.3	13.7	8.8	23.4
GREEN RIVER	Flaming Gorge	3749.0	2471.6	1998.0	--
LAKE FORK	Moon Lake	35.8	9.0e	13.3	19.6
STRAWBERRY	Starvation	165.3	122.8	147.2	127.6
UINTAH	Bottle Hollow	11.3	9.9	10.2	10.6

SNOW 1963-77 15 Year Average Period

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR		PAST RECORD		Water Content (inches) Last Year Average +
	Date of Survey	Snow Depth (inches)	Water Content (inches)	Water Content (inches)	
				Last Year	Average +
Brown Duck Ridge	4/1	73e	22.0e	21.4	17.4a
Currant Creek	4/5	36	14.3	12.1	7.7
Daniels-Strawberry	4/5	49	18.2	19.8	13.7
Hewinta G.S.	4/7	36	12.0	9.3	9.4
Hickerson Park	4/7	17	5.7	6.2	5.9b
Hole-in-the-Rock	4/6	27	7.1	- -	5.0
Hole-in-the-Rock G.S.	4/6	16	5.6	- -	1.4
Jackson Park	4/1	48e	13.8e	15.1	11.5b
Kings Cabin Upper	4/7	46	15.5	12.6	9.8

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average +
Strawberry at Duchesne	750-1200	656
Ashley Creek nr Vernal	500-1000	1030

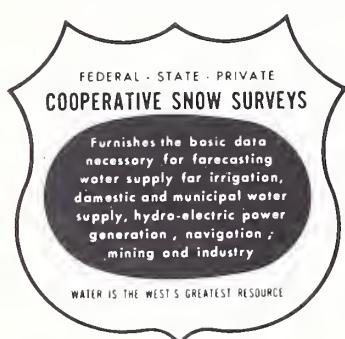
SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR		PAST RECORD		Water Content (inches) Last Year Average +
	Date of Survey	Snow Depth (inches)	Water Content (inches)	Last Year	Average +
Lakefork Mountain	4/1	44e	12.7e	11.8	10.6
Mosby Mountain	4/7	54	15.7	11.8	8.6
Paradise Park	4/1	74e	21.5e	15.4	11.8
Rock Creek Ranch	4/9	22	7.3	8.6	5.8
Spirit Lake	4/6	54	18.0	10.8	12.1
Steel Creek Park	4/6	51	17.0	17.4	15.6
Strawberry Divide	3/29	73	23.2	24.4	18.5
Trout Creek	4/7	50	16.7	10.6	- -

e = estimated

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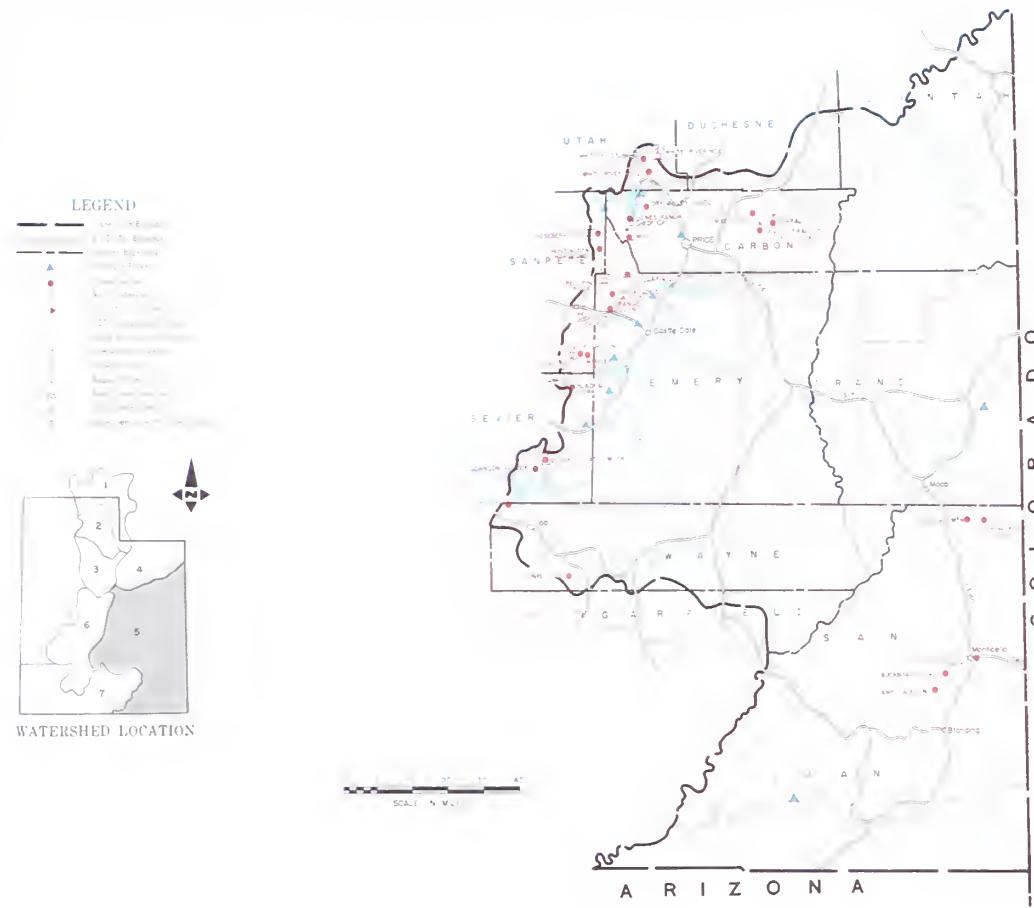
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"The Conservation of Water begins with the Snow Survey"

WATER SUPPLY OUTLOOK

CARBON, EMERY, WAYNE, GRAND and SAN JUAN COUNTIES in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES-DIVISION OF WATER RIGHTS



APRIL 1, 1979

WATER SUPPLIES SHOULD BE ABOVE AVERAGE

SNOW COVER through this area is well above average. The Blue Mountains above Monticello have a 247% snowpack.

PRECIPITATION at mountain stations indicate a scattered intensity pattern, with some locations showing two times normal monthly catches, with others at half normal.

SOIL MOISTURE in most profiles are at capacity.

RESERVOIR STORAGE is again above average this month. Scofield contains 42,500 acre feet.

STREAMFLOW FORECASTS again reflect the excellent snowpack conditions, and range from 158% on the Muddy to 130% on Cottonwood Creek. Peak flows should pose no problems if near normal weather conditions prevail.

CARBON, EMERY, WAYNE, GRAND and SAN JUAN COUNTIES in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		PAST RECORD		Last Year	Average +
	FORECAST Thousand Acre Feet	Percent of Average	FORECAST PERIOD	THOUSAND ACRE FEET		
PRICE RIVER						
Gooseberry Crk nr Scofield	14.0	139	Apr-July	--	10.1	
Scofield Reservoir Inflow	52	145	Apr-July	--	36	
Price nr Heinerl	90	141	Apr-July	--	64	
SAN RAFAEL RIVER						
Huntington Crk nr Huntington	69	150	Apr-July	66	49 ^b	
Cottonwood Crk nr Orangeville	57	130	Apr-July	--	44 ^b	
Ferron Creek nr Ferron	50	148	Apr-July	--	34	
MUDY CREEK						
Muddy Creek nr Emery	26	158	Apr-July	--	16.8	
UPPER COLORADO BASIN						
Colorado nr Cisco, Utah	4900	180	Apr-July	3884	2716	
Green at Green River, Utah	3500	118	Apr-July	3560	2975	
Mill Creek nr Moab	8.5	167	Apr-July	--	5.1	
Navajo Reservoir Inflow	1450	238	Apr-July	--	608	
San Juan nr Bluff, Utah	2000	231	Apr-July	870	865	
FREMONT RIVER						
Seven Mile Crk nr Fish Lake	9.2	144	Apr-July	--	6.4	

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average +
PRICE RIVER	Scofield	65.8	42.5	19.7	36.8
SAN RAFAEL	Huntington North	3.9	2.5	3.9	3.6
	Joe's Valley	54.6	39.2	35.1	38.0
	Mill Site	16.7	6.8	2.0	--
SAN JUAN	Navajo	1696.0	1185.0	960.7	--

+ - 1963-77 15 Year Average Period

b - Average of all past record - less than 15 years

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR		PAST RECORD		Last Year	Average +		
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)					
			Water Content (Inches)	Last Year				
Buck Flat	4/5	70	23.0	24.4	15.4			
Buckboard Flat	3/30	81	27.6	14.8	11.7			
Camp Jackson	3/30	81	28.0	18.5	10.8			
Dills Camp	4/5	52	14.6	20.3	11.4			
Dry Valley Divide Alternate	4/5	40	15.4	--	--			
Huntington-Horseshoe	4/2	86	28.8	35.8	22.7			

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
PRICE RIVER	3	96	144
SAN RAFAEL RIVER	7	88	138
FREMONT RIVER	3	98	169
LASAL MOUNTAINS	2	100	169
BLUE MOUNTAINS	2	167	247
MUDY RIVER	2	72	126

1 - Observed flow corrected for change in storage and diversions
2 - Provisional flows - Subject to correction

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average +
Ferron Creek near Ferron	550-750	422
Muddy Creek near Emery	150-250	154

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR		PAST RECORD		Last Year	Average +		
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)					
			Water Content (Inches)	Last Year				
Mammoth-Cottonwood R.S.	4/2	78	27.0	29.4	20.3			
Monticello City Park	3/30	0	0.0	0.0	--			
Mud Creek	4/3	61	17.1	16.3	12.3			
Seelye Creek	4/4	67	19.1	24.9	16.0			
White River #1	4/5	59	18.8	17.7	12.8			
White River #3	4/3	27	9.1	12.8	6.1			

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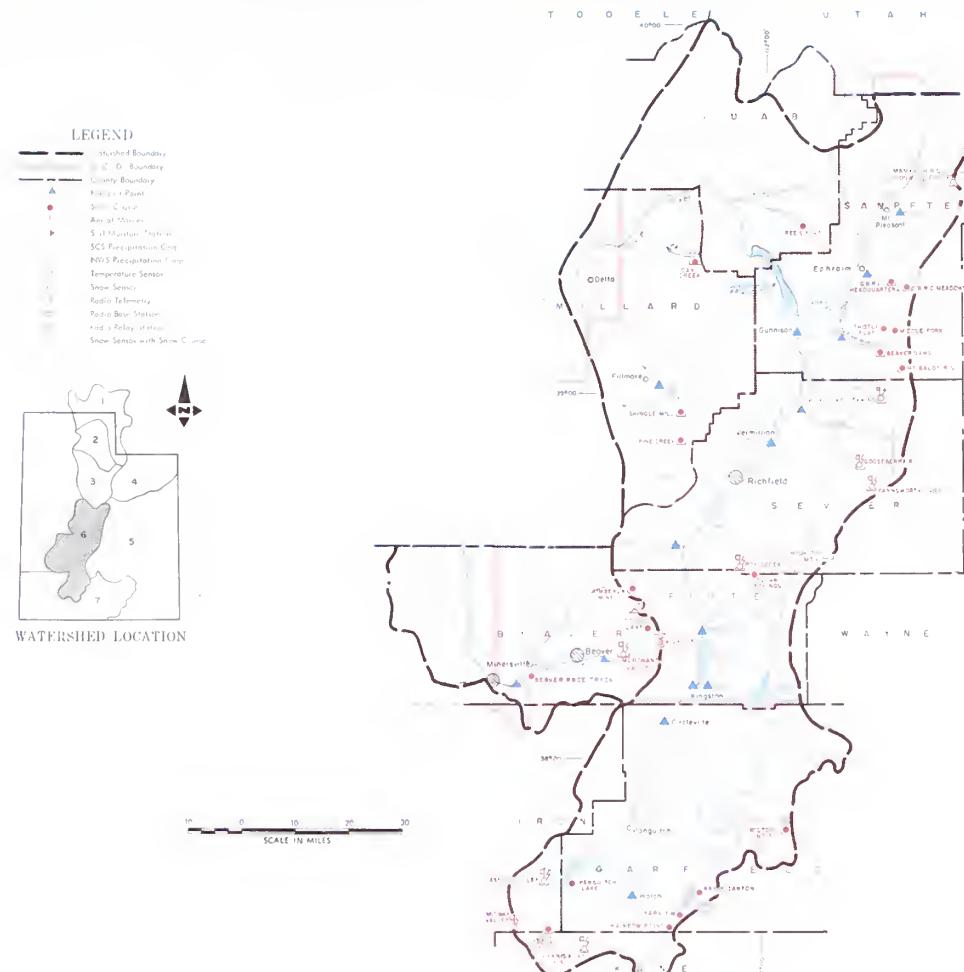
"WATER IS THE WEST'S GREATEST RESOURCE"

"The Conservation of Water begins with the Snow Survey"

WATER SUPPLY OUTLOOK

SEVIER RIVER BASIN including BEAVER RIVER in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES-DIVISION OF WATER RIGHTS



APRIL 1, 1979

ABOVE AVERAGE WATER SUPPLIES WILL BE AVAILABLE

SNOW COVER on the upper reaches of the river is excellent. Twice normal water contents are common on snow courses within the area.

PRECIPITATION at mountain stations shows near normal March accumulations at most locations. Duck Creek R.S. recorded 5.20 inches for 159% of average.

SOIL MOISTURE is above average on the Upper Sevier. Lower Sevier soils are not fully recharged.

RESERVOIR STORAGE in the four major Sevier Reservoirs is 76% of their April 1 average. Sevier Bridge is not expected to fill.

STREAMFLOW FORECASTS throughout the basin reflect the above normal snowpack and fall precipitation amounts. Forecasts range from 310% for Sevier near Kingston to 115% for Oak Creek near Oak City. Peak flows will be higher than normal, and preparation should be made to protect low lying properties.

SEVIER RIVER BASIN including BEAVER RIVER in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR			PAST RECORD	
	FORECAST Thousand Acre Feet	Percent of Average	FORECAST PERIOD	THOUSAND ACRE FEET Last Year	Average +
SEVIER RIVER					
Sevier at Hatch	100	244	Apr-July	51	41
Sevier nr Circleville	80	276	Apr-July	--	29
Sevier nr Kingston	70	310	Apr-July	--	22
Antimony Crk nr Antimony	17.5	254	Apr-July	--	6.9
East Fork Sevier nr Kingston ¹	47	306	Apr-July	--	15.4
Sevier below Piute Dam	110	306	Apr-July	--	36
Clear Crk nr Sevier (abv Oiv)	34	191	Apr-July	25	17.8
Inflow					
Kingston to Vermillion Oam	110	196	Apr-June	--	56
Vermillion Oam to Gunnison	57	165	Mar-June	--	35
Salina Creek at Salina	18.7	168	Apr-June	12.8	11.1
Sevier nr Gunnison	82	164	Apr-July	35	50
Chalk Creek nr Fillmore	18.0	116	Apr-July	--	15.5 ^b
Chicken Creek nr Levan	3.8	123	Apr-July	--	3.1
Oak Cr. nr Oak City	1.6	115	Apr-July	--	1.4
SAN PITCH RIVER					
Ephraim Creek nr Ephraim	25	172	Apr-July	--	14.5
Pleasant Crk nr Mt. Pleasant	12.9	150	Apr-July	--	8.6
BEAVER RIVER					
Beaver nr Beaver	35	175	Apr-July	37	20
North Creek (Combined)	20	164	Apr-July	--	12.2b
Minersville Reservoir Inflow ¹	20	303	Apr-July	--	6.6

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average +
SEVIER RIVER	Gunnison	18.2	18.1	9.1e	16.5
	Otter Creek	52.5	31.5	37.3	37.3
	Piute	71.8	34.8	24.0	49.9
	Sevier Bridge	236.0	106.0	97.8	146.8
BEAVER RIVER	Minersville (Rky Fd)	23.3	15.9	7.9	14.9

b - Average of all past record - less than 15 years

+ - 1963-77 15 Year Average Period

e - Estimated

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	
				Last Year	Average +
Big Flat	3/26	83	27.7	29.2	16.1
Bryce Canyon	3/28	48	10.8	2.8	3.1
Castle Valley	3/26	60	21.2	15.9	11.3
Duck Creek	4/3	87	29.4	22.8	11.5
Farnsworth Lake	3/26	58	19.0	23.1	19.5
Gooseberry R.S.	3/26	35	11.8	15.0	12.0

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF
	Last Year	Average
UPPER SEVIER RIVER	10	135
East Fork Sevier	4	148
South Fork Sevier	5	136
LOWER SEVIER	12	86
BEAVER RIVER	3	91

1 - Observed flow corrected for change in storage and diversions

2 - Provisional flows - Subject to correction

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average +
Sevier River at Hatch	800-1200	428
Sevier River nr Kingston	700-1000	300
Clear Creek nr Sevier	350-450	---
Salina Creek nr Salina	700-900	---
Beaver River nr Beaver	350-550	211

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	
				Last Year	Average +
Harris Flat	4/3	65	23.0	15.6	6.5
Kimberly Mine	3/26	65	20.4	19.5	15.8
Long Valley Juction	4/3	37	13.6	5.0	2.7
Merchants Valley Upper	3/26	51	17.4	22.6	9.7b
Midway Valley	4/3	126	43.2	32.4	20.1
Otter Lake	3/26	70	24.0	24.1	12.3
Pickle Keg Springs	3/29	49	17.0	25.9	16.1b
Widtsoe-Escalante #3	4/4	78	24.0	15.6	9.9

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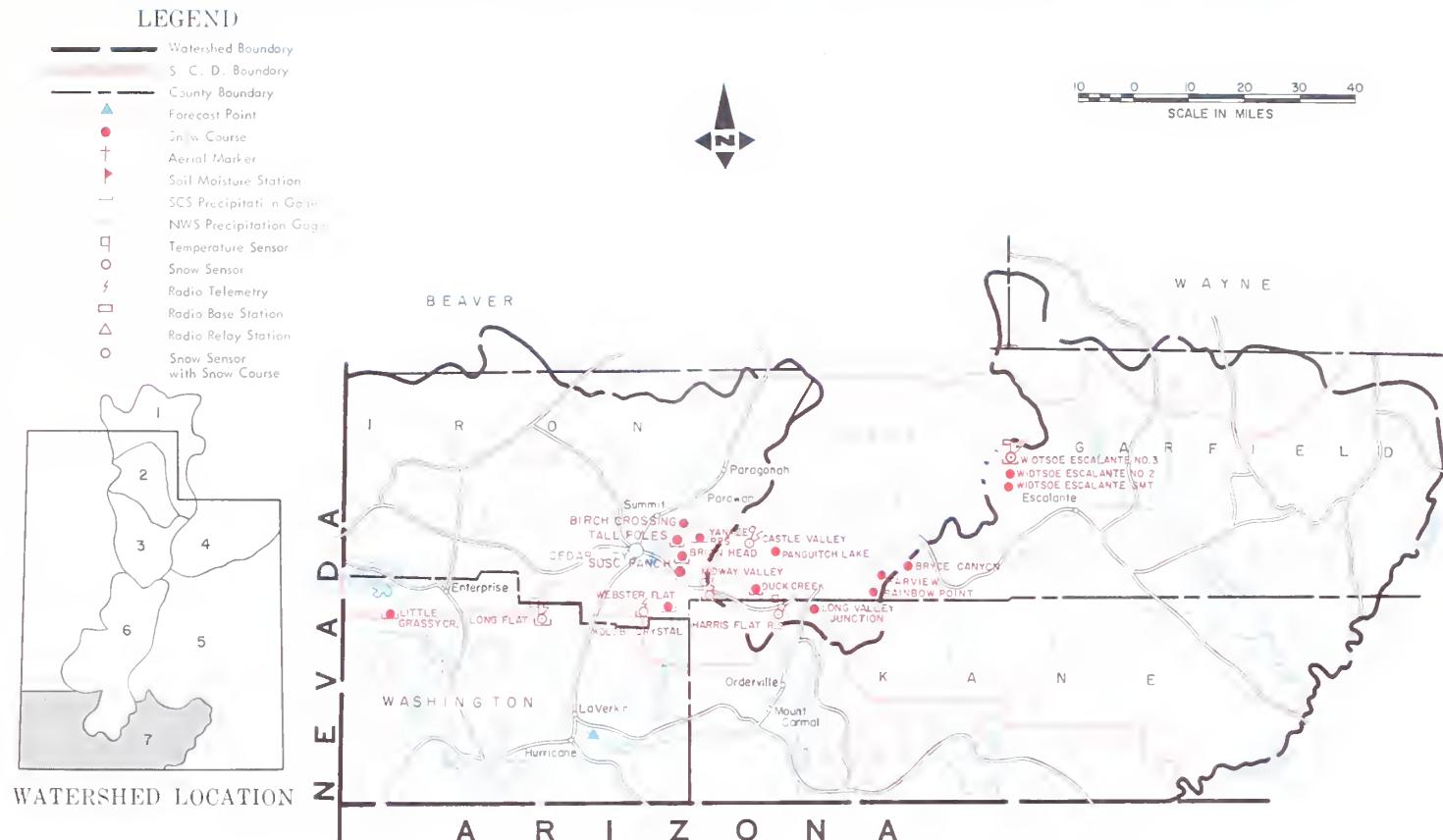
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"The Conservation of Water begins with the Snow Survey"

WATER SUPPLY OUTLOOK

EAST GARFIELD, KANE, WASHINGTON and IRON COUNTIES in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES-DIVISION OF WATER RIGHTS



APRIL 1, 1979

MORE THAN ADEQUATE WATER SUPPLIES WILL BE AVAILABLE

SNOW COVER figures again this month are impressive, 388% of average on the Enterprise-New Harmony drainage and 238% on Coal Creek above Cedar City.

PRECIPITATION at mountain locations for March ranged from 308% at Little Grassy, to 70% at Yankee Reservoir. Seasonal accumulations are well above average this year.

SOIL MOISTURE is above average, with most lower elevation soils at capacity.

RESERVOIR STORAGE is above average, with some facilities spilling water.

STREAMFLOW FORECASTS are again above average, with significant period flows expected this year. Peak flows may pose some hazard depending on weather conditions during the melt period.

EAST GARFIELD, KANE, WASHINGTON and IRON COUNTIES in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		PAST RECORD	
	FORECAST Thousand Acre Feet	Percent of Average	FORECAST PERIOD	THOUSAND ACRE FEET
	Last Year	2	Average +	
VIRGIN RIVER				
Virgin nr Hurricane	117	245	Apr-June	--
Santa Clara nr Pine Valley	10.5	256	Apr-June	9.9
COAL CREEK				
Coal Creek nr Cedar City	38	228	Apr-July	--
UPPER COLORADO				
Lake Powell Inflow	11000	158	Apr-July	--
2 - Provisional Flows - Subject to correction				

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average +
COLORADO	Lake Powell	25002.0	15946.0	14528.0	---
	Blue Mesa	829.5	311.5	247.1	---
b - Average of all past record - less than 15 years					
+ - 1963-77 15 year Average Period					

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR		PAST RECORD		
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average +
Birch Crossing	4/4	38	13.5	5.0	5.3b
Brian Head	3/26	85	30.0	25.7	19.9b
Harris Flat	4/3	65	23.0	15.6	6.5
Kolob-Crystal	4/5	120	45.0	36.1	21.8a
Little Grassy	4/5	28	13.7	0.0	2.0
Long Flat	4/5	44	15.4	7.4	5.5

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
COAL CREEK	3	129	238
VIRGIN RIVER	3	129	237
PAROWAN CREEK	4	139	167
ENTERPRISE - NEW HARMONY	2	393	388

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average +
Coal Creek nr Cedar City	1000-1400	269
Virgin nr Hurricane	1350-1800	---

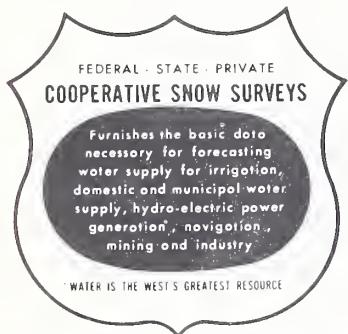
SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR		PAST RECORD		
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average +
Long Valley Junction	4/3	37	13.6	5.0	2.7
SUSC Ranch	4/3	57	19.8	12.0	6.1b
Tall Poles	4/4	71	21.2	16.5	13.8b
Webster Flat	4/3	102	36.6	32.6	15.7
Yankee Reservoir	3/26	47	15.2	10.4	9.0

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SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)		CURRENT INFORMATION			FROM APPROX. OCT. 1 PRECIP.		
				Last Year	Average +	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
GREAT BASTIN											
UPPER BEAR RIVER (Above Hager, Idaho)											
Big Park	3/30	57	17.2	25.8	21.2						
Burts-Miller Ranch	4/6	16	5.3	5.1	6.1	4/6	1.45	--	7.20	12.00b	60
CCC Camp	3/29	40	13.4	16.4	13.4						
Hayden Fork	4/6	54	17.5	17.2	15.9	4/6	3.80	--	19.93	20.06b	99
Kelly R.S.	3/30	59	18.8	25.4	18.3						
Monte Cristo R.S.	3/26	61	24.7	27.7	25.9	3/26	2.39a	4.68	25.62	25.95	99
Poison Meadows	3/30	79	26.2	38.8	30.2						
Salt River Summit	3/29	53	18.4	21.6	16.9	3/29	1.57	2.97	15.88	17.23	92
Snider Basin	3/30	49	17.4	22.4	17.4						
Stillwater Camp	4/6	36	10.7	11.8	11.3b	4/6	2.07	--	10.85	12.39	88
LOWER BEAR RIVER (Below Hager, Idaho)											
Bug Lake	3/26	56	21.4	20.5	20.7a						
Christensen Ranch	3/27	26	9.6	5.0	7.6						
Cliff Canyon	3/27	31	11.0	9.5	--						
Cub River R.S.	4/5	24	9.8	3.2	6.9						
Daniels Creek	3/27	20	6.6	3.2	--						
Dry Basin	4/5	84	30.0	36.9	30.2						
Dry Creek Flat	3/27	17	7.6	1.7	5.3						
Emigrant Summit	3/28	68	23.7	28.9	26.0						
Emigration Canyon	3/28	34	11.3	10.8	11.1						
Franklin Basin	4/5	73	27.8	33.1	28.2						
Garden City Summit	3/26	55	20.3	19.4	18.5	3/26	1.11	1.43	19.17	19.23	100
Horseshoe Basin	4/5	76	29.8	35.4	25.6						
Klondike Narrows	4/5	55	20.7	22.8	20.7	4/5	2.78	--	17.99	--	
Liberty Springs	4/5	110	40.4	50.4	39.8						
Little Bear (lower)	3/26	32	11.7	8.3	9.4						
Little Bear (upper)	3/26	43	16.0	11.4	12.9						
Lower Elkhorn	3/27	31	12.2	15.5	14.0a						
Oxford Mountain	3/27	32	12.5	6.0	9.5a						
Slug Creek Divide	3/28	49	18.0	21.0	18.0						
Steep Hollow #1	4/5	101	37.5	43.4	38.0						
Steep Hollow #2	4/5	72	27.5	32.7	27.0						
Strawberry Creek	3/28	36	12.7	6.7	10.2						
Strawberry Mink Divide	3/27	60	23.8	27.0	21.9						
Tenn Grove Lake	4/5	101	36.3	47.0	35.0a						
Tenn Grove R.S.	4/5	39	14.6	12.3	11.9	4/5	--	--	19.12	--	--
Upper Elkern	3/27	57	19.3	25.5	19.3a						
Willow Flat	4/5	47	19.4	15.2	14.8	4/5	--	4.14	12.17	--	84
Worm Creek	4/5	51	21.1	22.1	--						
RAFT RIVER											
Clear Creek Meadows	3/29	72	20.4	26.2	23.6						
George Peak	3/29	75	21.2	31.0	--						
One Mile Summit	3/29	22	5.9	6.1	7.6						
Vipont (A)	3/29	46	16.5	16.0	15.1a						
OGDEN RIVER											
Beaver Creek-Skunk Creek	3/26	35	14.5	14.1	12.0						
Ben Lomond Peak	3/26	113	45.3	50.6	34.1						
Ben Lomond Trail	3/26	72	27.7	--	16.2b	3/26	2.74	3.76b	28.16	28.74	98
Causey Dam						3/26	1.05	2.31b	13.45	14.22	94
Dry Bread Pond	3/26	55	20.6	23.3	18.9						
North Fork	4/4	69	29.8	18.9	--						
Sagebrush Flat	3/26	2	0.7	0.0	2.0	3/26	1.06	2.28b	13.79	14.35	96
WEBER RIVER											
Beaver Creek R.S.	4/7	14	5.8	7.8	7.2						
Chalk Creek #1	4/6	64	19.9	23.7	22.4						
Chalk Creek #2	4/6	49	14.7	14.2	15.6						
Chalk Creek #3	4/6	21	6.8	6.0	7.5	4/6	2.28	2.68b	10.42	13.94	71
East Shingle Lake (A)		Data Delayed									
Farmington Canyon (lower)	3/26	80	30.9	30.1	22.4b	3/26	3.49	5.23b	26.66	27.63	96
Farmington Canyon (upper)	3/26	89	34.4	39.5	30.8	3/26	3.51	--	22.11	--	--
Farmington G.S.						3/26	2.00	4.24b	23.91	23.64	101
Horse Ridge	3/26	57	23.1	22.0	21.9b						

SNOW

NAME ORAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
				Last Year	Average +	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
<u>WEBER RIVER (cont'd)</u>											
Killfoil Creek	3/26	52	17.5	14.0	13.5b	3/26	0.63	--	11.17	--	--
Lost Creek Reservoir	3/26	17	6.4	0.0	2.0b	3/26	1.57	4.07	18.86	22.55	84
Park City Summit		Not Measured				4/9	--	3.78b	19.80	23.48	84
Parley's Canyon Summit	3/26	53	17.8	22.2	18.5	4/6	2.85	3.04	15.02	17.75	85
Redden Mine (lower)	4/9	46	17.0	19.8	18.0						
Redden Mine (upper)											
Sergeant Lake (A)											
Smith & Morehouse											
<u>PROVO RIVER & UTAH LAKE</u>											
Beaver Creek Divide	4/1	34e	11.5e	13.6	10.8a						
Camp Altamont	3/31	58	23.6	21.7	13.4						
Clear Creek Ridge #1	4/5	62	22.8	23.8	18.2						
Clear Creek Ridge #2	4/5	52	17.0	15.8	13.6	4/5	2.85	2.71b	18.07	16.06b	113
Clear Creek Ridge #3	4/5	18	6.9	5.9	5.2	3/31	3.85	3.07b	--	20.82	--
Dutchman R.S.	3/31	61	22.2	25.5	15.4	4/5	3.00	2.70	18.70	17.19	109
Hobble Creek Summit	4/5	56	21.8	20.2	12.9	4/4	4.30	2.90	21.85	17.95	122
Payson R.S.	4/4	65	22.7	24.4	18.4						
Rock Bridge											
Soapstone R.S.	4/7	31	12.4	13.2	11.6	4/7	2.22	2.40	15.19	16.22	94
South Fork R.S.	3/30	28	11.4	5.9	3.2						
Timpanogos Cave Camp	3/30	4	1.5	0.0	0.6						
Timpanogos Divide	3/31	82	31.4	33.0	23.5	3/31	4.30	3.36	30.45	25.09	121
Trial Lake	4/1	81e	27.0e	27.4	23.5	4/1	3.25	3.77	24.77a	23.84	104
<u>JORDAN RIVER & GREAT SALT LAKE</u>											
Bevan's Cabin	3/31	40	10.1	8.5	11.5						
Deseret Peak	3/28	86	30.0	30.5	--	3/29	1.57	--	16.75	--	--
Lamb's Canyon #2	3/29	43	14.6	18.0	--	3/31	4.50	3.39	18.50	15.92	116
Middle Canyon	3/31	53	16.9	13.0	14.1						
Mill Creek	3/30	54	17.6	22.1	--						
Mill D South Fork	3/30	50	18.4	20.4	19.9						
Mt. Dell Dam											
Rocky Basin-Settlement Canyon	3/28	79	29.2	35.0	27.1	4/1	1.08	2.09	8.50	13.23	64
Silver Lake (Brighton)	3/30	84	28.0	28.7	24.9	3/28	--	--	21.91	24.01b	91
Snow Bird (Gad Valley)	3/28	97	34.0	44.2	--	4/1	4.22	4.80	27.84	27.18	102
Vernon Creek	3/26	54	17.4	18.2	11.2a	3/26	3.50	2.51b	19.00	15.27	124
<u>UPPER SEVIER RIVER (South of Richfield, Utah)</u>											
Box Creek	3/26	50	19.0	15.4	12.9	3/26	2.10	2.79	19.90	13.89	143
Bryce Canyon	3/28	48	10.8	2.8	3.1	3/26	2.40	2.77	23.05	13.89	166
Castle Valley	3/26	60	21.2	15.9	11.3	4/3	5.20	3.28b	30.63	16.53	185
Duck Creek R.S.	4/3	87	29.4	22.8	11.5						
Farview	3/29	71	21.0	8.8	--						
Harris Flat	4/3	65	23.0	15.6	6.5						
Kimberly Mine	3/26	65	20.4	19.5	15.8	3/26	2.70	3.79b	22.38	18.17	123
Midway Valley	4/3	126	43.2	32.4	20.1	4/3	10.00	--	39.60	--	--
Panguitch Lake	3/26	32	11.2	7.7	2.9	3/26	1.40	1.38	13.90	7.89	176
Rainbow Point	3/29	76	24.3	--	--						
Squaw Springs	3/26	37	12.3	10.8	6.6						
Wedtsoe-Escalante #3	4/4	78	24.0	15.6	9.9	4/4	4.75	2.40	24.30	12.07	201
<u>LOWER SEVIER RIVER (Including San Pitch River)</u>											
Beaver Dams	4/5	51	15.8	17.0	10.6	4/5	4.19	2.41	18.84	13.07	144
Farnsworth Lake	3/26	58	19.0	23.1	19.5	3/26	2.10	4.33	17.90	19.56	92
G.B.R.C. Headquarters	4/4	66	23.2	21.6	15.8	4/4	5.20	4.08	21.80	18.29	119
G.B.R.C. Majors						4/1	2.90	1.56b	11.85	8.51	139
G.B.R.C. Meadows	4/4	93	29.2	32.1	22.4	4/4	7.90e	4.10	27.87a	21.67	129
G.B.R.C. Oaks						4/1	4.00	2.17	14.85	11.87	125
Gooseberry R.S.	3/26	35	11.8	15.0	12.0	3/26	1.60	3.04b	13.65	12.91b	106
Mammoth-Cottonwood Creek	4/2	78	27.0	29.4	20.3						
Middle Fork	4/5	93	28.9	30.4	23.4						
Mt. Baldy R.S.	4/5	103	34.8	34.2	21.8	4/5	8.80a	3.14	28.30	16.90	167
Oak Creek		Not Measured									
Pickle Keg Springs	3/29	49	17.0	25.9	16.1b						
Pine Creek	3/26	42	15.8	30.2	15.2	3/26	1.70	4.94	19.91	23.47	88
Ree's Flat	4/4	44	14.1	17.3	12.2	4/4	2.95	--	15.61	--	--
Shingle Mill		Not Measured									
Thistle Flat	4/5	66	20.5	22.5	15.9						

SNOW

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				Last Year	Average +	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
BEAVER RIVER											
Beaver Race Track	3/30	1	0.2	— —	— —	4/1	5.40	1.72	17.19	8.53	202
Beaver Canyon Power House						3/26	2.50	3.00	23.59	15.53	152
Big Flat	3/26	83	27.7	29.2	16.1	3/26	2.40	2.96b	18.97	14.25	133
Merchant's Valley (upper)	3/26	51	17.4	22.6	9.7b						
Otter Lake	3/26	70	24.0	24.1	12.3						
PAROWAN CREEK											
Birch Crossing	4/4	38	13.5	5.0	5.3b	4/4	5.20	3.02b	20.05	14.89b	135
Brian Head	3/26	85	30.0	25.7	19.9b	3/26	1.90	2.73b	16.35	12.13	135
Tall Poles	4/4	71	21.2	16.5	13.8b						
Yankee Reservoir	3/26	47	15.2	10.4	9.0						
ENTERPRISE TO NEW HARMONY DRAINAGES											
Little Grassy Creek	4/5	28	13.7	0.0	2.0	4/5	6.65	2.16	25.95	14.49	179
Long Flat	4/5	44	15.4	7.4	5.5	4/5	3.80	2.40	20.65	11.63	178
COAL CREEK											
Cedar City Golf Course											
SUSC Ranch	4/3	Not Measured									
COLORADO RIVER DRAINAGE											
UPPER GREEN RIVER - UTAH											
Ashley-Twin Lakes (A)											
Black's Fork G.S.-East Fork	4/6	35	11.7	11.0	9.0	4/6	3.32e	2.43	11.44a	11.94	96
Black's Fork Junction	4/6	33	11.0	9.8	9.2	4/6	2.90e	2.25	10.76a	11.62	93
Buck Pasture (A)											
Burnt Creek	3/27	23	6.0	4.4	— —	3/27	1.40	1.51b	8.62	8.83b	98
Dutch John Junction	3/27	20	5.8	1.6	— —	3/27	2.30	2.23b	14.25	12.78	112
Grizzly Ridge	3/27	45	13.3	10.4	— —						
Henry's Fork (A)											
Hewinta G.S.	4/7	36	12.0	9.3	9.4	4/7	3.40e	2.50	12.14a	12.56	97
Hickerson Park	4/7	17	5.7	6.2	5.9b						
Hole-in-the-Rock	4/6	27	7.1	— —	5.0						
Hole-in-the-Rock G.S.	4/6	16	5.6	— —	1.4						
King's Cabin (lower)											
King's Cabin (upper)	4/7	46	15.5	12.6	9.8	4/7	5.30e	1.90	15.29a	11.14	137
Middle Beaver Creek	4/6	20	6.3	— —	4.5b						
Reynolds Park (A)											
Spirit Lake	4/6	54	18.0	10.8	12.1						
Steel Creek Park	4/6	51	17.0	17.4	15.6						
Trout Creek	4/7	50	16.7	10.6	— —	4/7	3.62e	— —	14.23a	— —	— —
Wendy Park (A)											
DUCESNE RIVER											
Atwood Lake (A)											
Brown Duck Ridge	4/1	Data Delayed									
Chepeta-Whiterocks (A)		73e	22.0e	21.4	17.4a						
Currant Creek											
Daniels-Strawberry Summit	4/5	Data Delayed									
East Portal	4/5	36	14.3	12.1	7.7	4/5	2.85	— —	21.42	13.79b	155
Five Points Lake (A)	3/29	49	18.2	19.8	13.7	4/5	3.34	2.68	21.10	17.81	118
Indian Canyon	4/5	49	16.0	14.0	10.9	3/29	2.27	2.51b	19.88	16.73	119
Jackson Park	4/1	Data Delayed									
Lakefork Basin (A)		68e	21.7e	16.9	12.0	4/1	4.95e	1.91	20.66a	12.78	162
Lakefork Mountain	4/1	48e	13.8e	15.1	11.5b						
Lakefork Mountain #3											
Lightning Lake (A)											
Mosby Mountain	4/1	Data Delayed									
Paradise Park	4/1	44e	12.7e	11.8	10.6	4/1	1.80e	2.08	13.67a	12.62	108
Rock Creek Ranch	4/1	20e	6.4e	7.6	5.3						
Strawberry Divide	4/9	Data Delayed									
	3/29	54	15.7	11.8	8.6	4/7	5.08	1.47b	17.30	12.00	144
		74e	21.5e	15.4	11.8	4/1	5.00e	1.78b	22.12a	13.05	170
		22	7.3	8.6	5.8	4/9	2.71	— —	13.86	11.04	126
		73	23.2	24.4	18.5						

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)		CURRENT INFORMATION			FROM APPROX. OCT TO DATE		
				Last Year	Average †	Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
<u>PRICE RIVER</u>					-						
Gooseberry Reservoir											
Corral	4/5	60	17.8	13.0	6.7b	4/2	5.15	--	24.59	--	--
Dry Valley Divide Alternate	4/5	40	15.4	--	--						
Grassy Trail Creek-Left Fork	4/5	68	19.5	17.1	7.5b						
Mud Creek	4/3	61	17.1	16.3	12.3	4/3	4.25	2.56	18.45a	14.25	129
Timberline	4/5	82	26.2	20.6	13.0b	4/5	2.80	2.14	19.08	13.22	144
White River #1	4/5	59	18.8	17.7	12.8						
White River #3	4/3	27	9.1	12.8	6.1						
<u>SAN RAFAEL RIVER</u>											
Buck Flat	4/5	70	23.0	24.4	15.4	4/5	4.40	2.71	22.75	17.21	132
Huntington-Horseshoe	4/2	86	28.8	35.8	22.7						
Orange Olsen		Not Measured				3/28	2.50	1.01b	12.25	7.40	166
Red Pine Ridge	4/5	63	20.3	22.0	16.5	4/5	5.10	3.54	22.70	19.79	115
Seeley Creek R.S.	4/4	67	19.1	24.9	16.0	4/4	6.58	--	--	--	--
Stuart R.S.	4/4	36	11.3	11.8	6.5	4/4	2.65	--	14.68	11.62	126
Upper Joe's Valley	4/5	41	13.2	15.2	9.5						
Wrigley Creek	4/5	62	17.9	17.2	10.1						
<u>MUDDY RIVER</u>											
Black's Fork	3/29	51	15.6	21.7	12.6						
Dill's Camp	4/5	52	14.6	20.3	11.4	4/5	4.30	--	19.81	14.40b	138
<u>FREMONT RIVER</u>											
Black's Flat-U.M. Creek	3/26	43	13.0	15.9	10.4	3/26	0.90	2.46b	15.08	12.10b	125
Donkey Reservoir		Not Measured									
Fish Lake	3/26	46	15.2	12.8	7.0	3/26	0.80	1.68	11.80	9.18	128
Johnson Valley	3/26	37	11.4	11.8	6.1						
<u>SOUTHEASTERN UTAH DRAINAGES</u>											
Buckboard Flat	3/30	81	27.6	14.8	11.7	3/30	6.40	2.96	31.09	18.14	171
Camp Jackson	3/30	81	28.0	18.5	10.8	3/30	7.05	2.51	33.38	16.78	199
LaSal Mountain (lower)	3/31	57	14.6	16.2	8.6						
LaSal Mountain (upper)	3/31	86	25.8	24.2	15.3	3/31	4.80	3.14	21.74	14.18	153
Monticello City Park	3/30	0	0.0	0.0	--						
<u>VIRGIN RIVER</u>											
Kolob-Crystal	4/5	120	45.0	36.1	21.8a						
Long Valley Junction	4/3	37	13.6	5.0	2.7						
Webster Flat	4/3	102	36.6	32.6	15.7	4/3	8.90	4.00	39.98	19.15	209

a - Partly Estimated

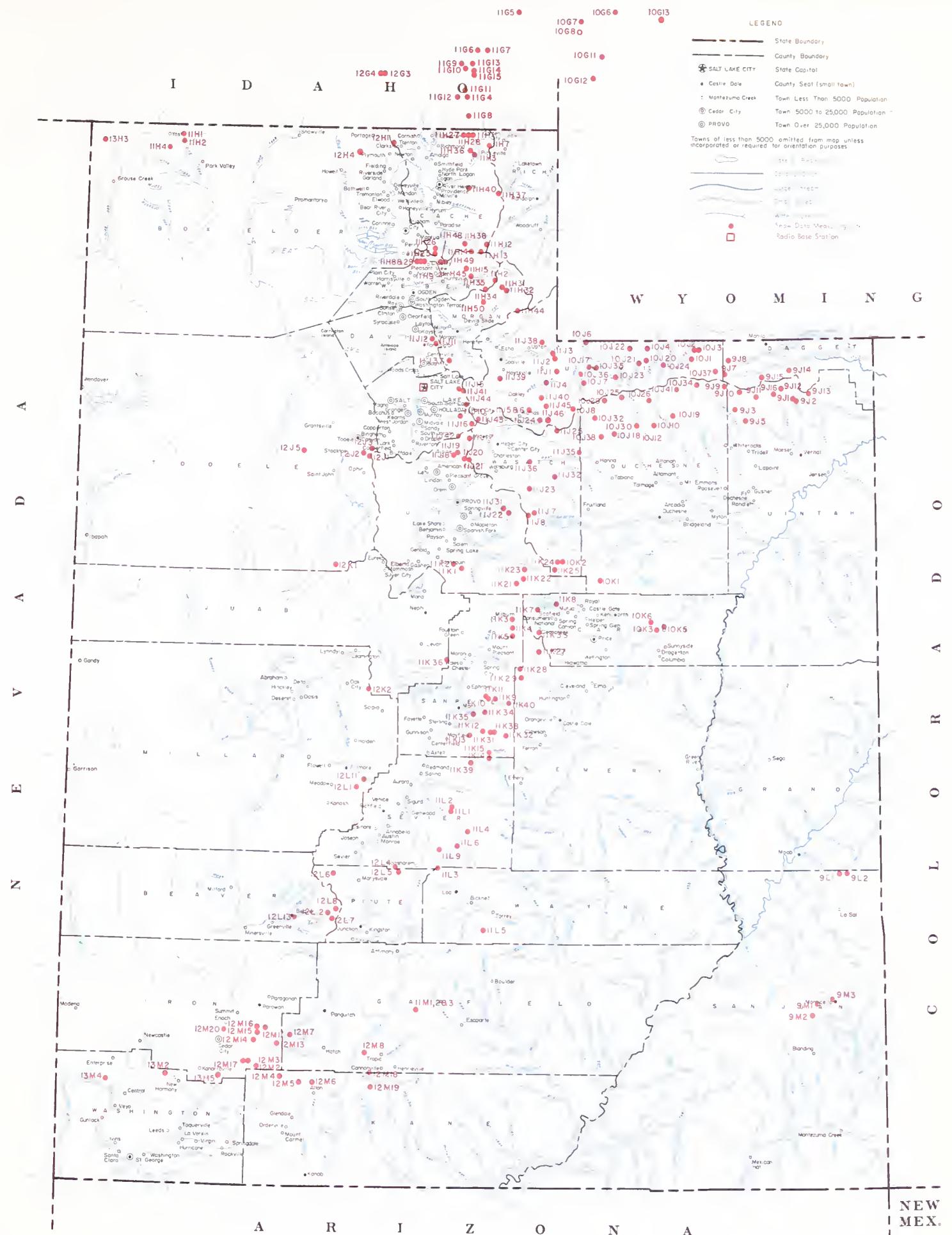
b - Average of past record in average period

- less than 15 years

+ - 1963-77 15 year average period

(A) - Aerial Marker Reading

e - Estimated



SNOW COURSES AND RELATED DATA MEASURING SITES UTAH

1978



USGS National Atlas 1:1,000,000 Albers Equal-Area projection (1967) used as source for base map and adapted for SCS use.

INDEX TO UTAH, BEAR & UPPER COLORADO RIVER BASINS

GREAT BASIN DRAINAGE

NO.	STATE	NAME	SEC.	THWP	RGE.	ELEV.	NO.	STATE	NAME	SEC.	THWP	RGE.	ELEV.	NO.	STATE	NAME	SEC.	THWP	RGE.	ELEV.	
UPPER BEAR RIVER (above Hager, Idaho)																					
10G11	W	Big Park	7	27N	117W	8,700	1125P	U	Soapstone R.S.	9	35	8E	7,800	9,11PST	U	King's Cabin (upper)	22	15	21E	8,730	
10J6P	W	Burns-Miller Ranch	19	3N	10W	7,900	1119	U	South Fork, R.S.	24	45	2E	6,100	10J3P	U	McCoy Park	6	1N	17E	10,680	
10G7	W	CCC Camp	9	9	10W	7,500	1118	U	Timpanogos Cave Camp	27	45	2E	5,300	9,10PST	U	Middle Beaver Creek	31	9	15	8,650	
10J3P	W	Gold Hill	25	1N	9E	10,000	1120PST	U	Timpanogos Divide	33	45	3E	8,340	10J8PST	U	Reynolds Park	9	15	18E	10,400	
10J7PST	W	Holiday Farm	25	1N	9E	7,400	108PST	U	Trial Lake	5	25	9E	9,760	9,12PST	U	Spirit Lake	10	1N	17E	10,300	
10G12	W	Kayley Ranger Station	13	26N	10W	8,200	118W	U	Lily Lake	27	25	6E	8,100	10J2PST	U	Steel Creek Park	17	2N	13E	10,100	
11H12PST	W	Lilac Lake	34	8N	10E	9,050	103P	U	Monte Cristo R.S.	1	25	6E	8,500	9,16PST	U	Trout Creek	9	15	20E	9,400	
10G6	W	Poison Meadows x	29	30N	10W	8,360	1212	U	Bevan's Cabin	24	45	4W	6,450	9,12PST	U	Windy Park	2	15	20E	9,400	
10G8P	W	Salt River Summit x	32	29N	11W	7,900	125P	U	Desert Park	15	45	7W	9,250	10J4P	U	DUCHESE RIVER	13	4N	4W	10,840	
10J13MP	W	Snyder Basin x	15	29N	11W	8,400	1144P	U	Lamb's Canyon #2	21	15	3E	7,500	10J3P	U	Ahwao Lake	8	2N	6W	10,600	
10J17P	W	Stillwater Camp	32	2N	10E	8,350	123P	U	Middle Canyon	8	25	15	7,000	10J2PST	U	Brown Duck Ridge	3	4N	1W	10,350	
LOWER BEAR RIVER (below Hager, Idaho)																					
Bug Lake		Bug Lake	18	11N	5E	7,950	1121P	U	Rocky Basin-Settlement Canyon	18	25	3E	6,400	9,18P	U	Cheapeo-Whiterocks Lakes	3	1W	8,000		
Christensen Ranch		Christensen Ranch	27	13S	41E	5,600	1142P	U	Silver Lake (Brighton)	30	45	3W	8,900	1123P	U	Carson Creek	26	15	11W		
Cinnamon Mountain		Cinnamon Mountain	5	29	14N	2W	7,300	1142PST	U	Snowbird (Gadd) Valley	18	35	3E	8,725	1123MPST	U	David-Snowberry Summit	20	25	12W	
Club River Ranger Station		Club River Ranger Station	30	13S	42E	7,900	1142P	U	Vernon Creek	21	10S	5W	9,700	1118P	U	East Lake	36	75	6E		
Dry Basin		Dry Basin	31	13S	37E	6,350	124PST	U	Box Creek	33	26S	2W	9,300	10J20P	U	Five Point Lake	28	4N	5W		
Dry Creek Flat		Dry Creek Flat	21	12S	42E	7,350	124PST	U	Bryce Canyon	36	36S	4W	8,000	10K1P	U	Ahwo Lake	115	10E	9,100		
Fringeman Canyon (mouth)		Fringeman Canyon (mouth)	24	12S	42E	6,500	124PST	U	Castle Valley	23	36S	8W	9,580	10J19P	U	Indian Canyon	2	5W	10,600		
Franklin Basin		Franklin Basin	16S	41E	8,000	124PST	U	Duck Creek	11	32	37S	4W	8,700	10J34P	U	Jackson Park	25	5W	11,100		
Garden City Summit		Garden City Summit	34 & 35	14N	4E	7,500	124PST	U	Farview	24	36S	7W	7,700	10J10PST	U	Kidney Lake	13	4N	5W		
Herd Hollow		Herd Hollow	31	13S	42E	7,200	124PST	U	Harris Flat	36	25S	1E	11,400	10J18P	U	Lakefork Mountain #3	2 & 3	12W	10,200		
Huckleberry Narrows		Huckleberry Narrows	10	14N	42E	7,400	124PST	U	High-top Mountain	11	26	5W	9,300	10J32P	U	Lightning Lake	23	4N	8W		
Iberville Springs		Iberville Springs	7	13S	42E	8,240	124PST	U	Kimberly Mine	11	26	37S	9W	11J35P	U	Mosity Mountain	33	3N	1E		
Little Bear (tower)		Little Bear (tower)	16	8N	1E	6,350	124PST	U	Midway Valley	4 & 5	36S	7W	8,200	11J8P	U	Paradise Park	7	3N	1E		
Oxidite Mountain		Oxidite Mountain	32	13S	42E	12M19	124PST	U	Panguitch Lake	29	38S	4W	9,100	11J35P	U	Rock Creek	11	10S	8E		
Slag Creek Divide		Slag Creek Divide	15	10S	44E	7,225	125P	U	Squaw Springs	3	27S	2W	9,300	10K5M	U	White River #1	30	10S	8E		
Steep Hollow #1		Steep Hollow #1	7	14N	3E	8,500	1128P	U	LOWER SEVIER RIVER (including San Pitch River)	22	19S	3E	8,000	10K3M	U	White River #2	30	10S	8E		
Steep Hollow #2		Steep Hollow #2	9	14N	3E	7,700	1128P	U	Beaver Dam	34	23S	2E	9,600	11K7	U	White River #3	30	10S	8E		
Strawberry Creek		Strawberry Creek	9	13S	41E	5,800	11K13P	U	Fawnwash Lake	21	17S	4E	8,700	10K6	U	White River #4	30	10S	8E		
Tony Grove Lake		Tony Grove Lake	14	13S	41E	6,400	11K13P	U	G.B.R.C. Headquarters	27	23S	2E	10,000	10K24	U	White River #5	30	10S	8E		
Tony Grove Ranger Station		Tony Grove Ranger Station	11	13N	3E	6,250	11K13P	U	Gooseberry R.S.	21	23S	2E	8,800	11K24	U	White River #6	30	10S	8E		
Willow Flat		Willow Flat	2	15S	41E	6,100	11K13P	U	Mammoth R.S. -Cottonwood Creek	13	18S	4E	9,600	11K25	U	White River #7	30	10S	8E		
RAFT RIVER																					
Clear Creek Meadows		Clear Creek Meadows	26	14N	14W	9,050	114W	U	Oak Creek	9	17S	4E	9,500	11K31PST	U	SAN RAFAEL RIVER	23	19S	4E	9,400	
George Peak		George Peak	4	13N	14W	9,000	114W	U	Pickle Keg Springs	4	21S	3W	9,700	11K4P	U	Duck Flat	23	19S	4E	9,400	
One Mile Summit		One Mile Summit	17	14N	14W	7,350	114W	U	Pine Creek	24	22S	4W	8,700	11K5	U	Gooseberry Reservoir	12	14S	5E	9,800	
VTPant		VTPant	17	14N	14W	7,670	114W	U	Rees's Flat	20	15S	2E	7,300	11K40P	U	Huntington-Hareshoe	31	12S	7E	7,700	
OGDEN RIVER																					
Beaver Creek-Stunk Creek		Beaver Creek-Stunk Creek	22	8N	3E	7,150	1144P	U	Thistle Flat	19	18S	3E	6,200	11K760	U	Orange Olive	31	12S	7E	7,700	
Ben Lomond Peak		Ben Lomond Peak	3	7N	1W	5,480	1144P	U	BEAVER RIVER	23	29S	7W	6,020	11L2P	U	Red Pine Ridge	5	16S	6E	9,800	
Cooley Dam		Cooley Dam	34	7N	1W	5,500	1144P	U	Beaver Race Track	7	29S	4W	10,290	11K2P	U	Rush Pond	24	19S	4E	10,000	
Dry Bedrock		Dry Bedrock	3	8N	1W	6,780	1144P	U	Big Flat	5	29S	5W	8,750	11K28P	U	Seeley Creek	25	17S	4E	7,950	
Guitar Peak		Guitar Peak	21	6N	4E	8,050	1144P	U	Merchant's Valley (upper)	8	29S	5W	9,600	11K27P	U	Stuart R.S.	8	15S	7E	8,900	
Middle Fork Owyhee		Middle Fork Owyhee	6	7N	2E	8,250	1144P	U	Other Lake	12	29S	5W	9,600	11K29	U	Upper One's Valley	21	16S	6E	8,900	
Powder Mountain Hideaway		Powder Mountain Hideaway	1	7N	1E	8,400	1144P	U	PAROWAN CREEK	23	35S	9W	8,100	11K14	U	Wrigley Creek	27	19S	5E	9,000	
Sagebrush Flat		Sagebrush Flat	21	7N	1E	6,300	12M16	U	Birch Crossing	10	36S	9W	8,000	11L35PST	U	MUDDY RIVER	34	20S	4E	9,200	
WEBER RIVER																					
Beaver Creek R.S.		Beaver Creek R.S.	28	25	7E	7,500	13M4P	U	Little Grass Creek	14	38S	18W	6,100	11L4P	U	FREMONT RIVER	33	24S	3E	9,400	
Chalk Creek #1		Chalk Creek #1	4	1N	8E	7,500	13M4P	U	Long Flat	2	38S	14W	8,000	11L5P	U	Black's Fork-U.M. Creek	9	30S	4E	9,800	
Chalk Creek #2		Chalk Creek #2	29	2N	8E	7,500	13M4P	U	ENTERPRISE TO NEW HARMONY DRAINAGES	2	38S	14W	8,000	11L6P	U	Dankey Reservoir	35	26S	4E	8,700	
Chalk Creek #3		Chalk Creek #3	7	2N	8E	7,500	13M4P	U	Yankee Reservoir	20	35S	8W	8,700	11L6	U	Johnson Valley	24	25S	2E	8,850	
East Shingle Lake		East Shingle Lake	6	25	8E	9,750	13M4MPST	U	ESCALANTE RIVER	36	33S	22E	9,000	11M1P	U	Widhoe-Escalante Summit	22	34S	1W	9,500	
Fomingian Canyon (lower)		Fomingian Canyon (lower)	15	3N	1E	6,950	13M4P	U	BUCKBOARD FLAT	22	34S	22E	8,600	11M2PST	U	Widhoe-Escalante #3	22	34S	1W	9,500	
Francis Canyon		Francis Canyon	29	5N	6E	8,000	13M4P	U	CAMP ILLIPTON	33	34S	22E	8,700	11M3PST	U	Widhoe-Escalante #3	25	33S	2E	9,500	
Hardscrable		Hardscrable	22	2N	6E	7,400	12M20	U	COAL CREEK	11	36S	11W	5,800	11M4P	U	LAJILLI-CRYSTAL	25	33S	2E	9,500	
Horse Ridge		Horse Ridge	25	7N	4E	8,260	12M17</td														

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